

Student Undergraduate Laboratory Internship Program Begins

10 students from across the country call Ames Lab home for eight weeks

On Monday, June 13, Ames Laboratory opened its doors to 10 special undergraduates. The students, from colleges and universities around the country, are participating in the Lab's Summer Undergraduate Laboratory Internship program, or SULI. The program had been on hiatus for several years because of budget cuts. But due to renewed funding support from the DOE Office of Science, it has been reactivated. SULI is being coordinated by the Public Affairs Office with assistance from director Tom Barton.

The SULI program will run for eight weeks, from June 13 to August 5. Qualifying for the Ames Lab program was very competitive. The Lab received 60 applications for the 10 spots for which it received DOE funding. The figure is impressive considering the Lab didn't advertise its openings at any colleges or universities. The applicants were carefully reviewed, and the 10 most-qualified students were paired with Ames Lab and ISU mentors, who are having the students work on research projects in their laboratories. The students' research interests run the gamut from chemistry and mechanical engineering to physics and materials science.

The students receive a stipend for the summer internship and are housed in ISU guest apartments. During their internship, they work full time with their mentors. At the end of the internship, the students are required to have completed a research paper or PowerPoint presentation on their research. In addition, each must submit an abstract for placement in the DOE Journal of Undergraduate Research. The students will also give a poster presentation at the Lab prior to the conclusion of the internship program.

In an effort to make their internships as well rounded as possible and also provide a positive introduction to Iowa State University and central Iowa, the students are participating in educational and recreational activities outside the laboratory. For example, they have received a presentation from ISU Vice Provost for Research Jim Bloedel on the importance

Welcome 2005 SULI students!

Student

Amanda DeVries (Jr.)
James (Shamus) Cronin (Sr.)
Brian Langstraat (Fr.)
Tom Maloney (So.)
Travis Monk (Sr.)
Eric Poweleit (Jr.)
Xueying (Victor) Qin (Fr.)
David Sauer (So.)
Andrew Shuff (Jr.)
Christopher Wong (Jr.)

College/University

Buena Vista University
Clemson University
Central College
Univ. of Cincinnati
Truman State University
Univ. of Wisconsin-Madison
Carleton College
Univ. of Missouri-Rolla
Texas A&M University
Northwestern University

Ames Lab/ISU Mentor:

George Kraus
Iver Anderson
Masha Sosokina
Nicola Bowler
Kai-Ming Ho and Kristen Constant
Gordon Miller
Kai-Ming Ho and Kristen Constant
Bill McCallum
Andreja Bakac
Surya Mallapragada

of getting a Ph.D. Joining the SULI students for this presentation were undergraduate students participating in the National Science Foundation summer internship program being run out of the ISU chemistry department. The SULI students have also visited the Science Center of Iowa in Des Moines and will visit ISU's Virtual Reality Applications Center. For fun, they will be joining Ames Lab/IPRT and ISU personnel at an Iowa Cubs baseball game in July. ■

~ Steve Karsjen



Students Brian Langstraat (standing) and Andrew Shuff check out a display that shows time-lapse construction of the new Science Center of Iowa.



Students (left to right and front to back) are: Amanda DeVries, Tom Maloney, Eric Poweleit, Brian Langstraat, Andrew Shuff, Christopher Wong, Shamus Cronin, David Sauer, Travis Monk and Victor Qin.